

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					August 1999		
TO: Executive Director, Florida Inland Navigation District 1314 Marcinski Road, Jupiter, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Intracoastal Waterway, St. Johns Co., FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Cut SJ-1 thru SJ-5 From Red Light-46 to the Palm Valley Lodge	Jun-1999	125	5.6	12	3.9 (1)	5.2 (1)	1.8 (1)
Cut SJ-6 thru SJ-8 (portion) From the Palm Valley Lodge to the Palm Valley Bridge	Jun-1999	125	3.2	12	2.0 (2)	4.2 (2)	1.5 (2)
Cut SJ-8 (portion) thru SJ-9 From the Palm Valley Bridge to 600 feet south of Green Light-3	Jun-1999	125	1.9	12	6.6 (3)	7.8 (3)	1.3 (3)

Remarks:

- Shoaling throughout channel (Cuts SJ-1 & SJ-2) north and south of Red Light-48. Shoaling extends across channel in Cut SJ-3 and continues through Cut SJ-5 near the Palm Valley Lodge. Least depths occur near Palm Valley Lodge area.
- Shoaling continues across entire channel (Cuts SJ-6 thru SJ-8) from area near Palm Valley Lodge to 500 feet north of the Palm Valley Bridge. Least depths occur in Cut SJ-6.
- Shoaling across entire channel (Cuts SJ-8 and SJ-9) from 300 feet south of Palm Valley Bridge to 2,300 feet (0.4 nm) north of Green Light-3. Shoaling continues from this point along each edge of channel to 500 feet south of Green Light-3. Least depths occur just south of the Palm Valley Bridge.